

ABSTRACT

A process and system for bending glass sheets heated to their softening point. The glass sheets are laid on a concave bending frame and prebent by gravity. The prebent glass sheets are transferred to a transfer former with a concave forming surface, the transfer former being moved up through the concave bending frame, the perimeter of which is larger, and thus picking up the glass sheets. The transfer former is positioned so that in vertical projection it overlies a final bending former in the form of a frame with a concave forming surface. The transfer former is moved up through the larger-diameter final bending former, the glass sheets being laid on the final bending former. The glass sheets are bent into their final shape, and at the end of the bending operation, the glass sheets in their final shape are transferred from the final bending former to a transport system and cooled.